Code Compliance Research Report
CCRR-0114

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Renewal Date: 06-30-2027

DIVISION: 06 00 00 – WOOD, PLASTICS AND COMPOSITES
Section: 06 63 00 - Plastic Railings

REPORT HOLDER:

AZEK Building Products
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REPORT SUBJECT:
Guard Systems
TimberTech® Advantage Rail™
TimberTech® Classic Composite Series
RadianceRail®
Premier
Trademark
Drink Rail
Contemporary Rail
***TimberTech® RadianceRail* Express®**
TimberTech® Reserve Rail™

1.0 SCOPE OF EVALUATION

1.1 This Research Report addresses compliance with thefollowing Codes:

- 2024, 2021, 2018 *International Building Code®* (IBC)
- 2024, 2021, 2018 *International Residential Code®* (IRC)

NOTE: This report references the most recent Code editions cited. Sections numbers in earlier editions may differ.

1.2 General – The *TimberTech®* guards have been evaluatedfor the following properties:

- Structural Performance
- Durability
- Surface Burning
- Decay Resistance
- Termite Resistance

General – The *TimberTech®* guards have been evaluated for the following uses:

- Guards are intended for exterior use at or near the open sides of elevated walking areas of buildings and walkways as required by the referenced codes.
- Guard systems recognized in this report may be used in One- and Two-Family Dwellings regulated by the IRC and all construction types regulated by the IBC in accordance with IBC Section 705.2.2 and 705.2.3.1, Exceptions 2 and 3. Guards less than 42 inches high are limited to use in One- and Two-Family Dwellings (IRC). See Table 1 for additional restrictions based upon Use and Occupancy Classification.

2.0 STATEMENT OF COMPLIANCE

General – The *TimberTech®* guards comply with the Codes listed in Section 1.1, for the properties stated in Section 1.2 and uses stated in Section 1.3, when installed as described in this report, including the Conditions of Use stated in Section 6.0.

3.0 DESCRIPTION

3.1 General – TimberTech® guards are offered in the following assemblies. The Advantage Rail™, Classic Composite Series (RadianceRail®, Premier, Trademark, Drink Rail and Contemporary Rail), TimberTech® RadianceRail Express® and TimberTech® Reserve Rail™. All are guards under the definitions of the referenced codes. See Table 1 for qualified lengths and configurations.

3.2 The *Advantage Rail™* system includes a top and bottom rail, top rail baluster spacer, infill, baluster plugs, post sleeves, rail-to-post brackets, gaskets and foot blocks.

3.2.1 Rails (top, bottom) and post sleeves are manufactured from extruded shapes in three colors: Matte Black, Matte Espresso, and Matte White.

3.2.2 Rails and post sleeves are co- extruded with a polymer color cap layer and wood/plastic composite core. See Table 2 for rail descriptions and Table3 for infill options.

3.3 The Classic Composite Series *RadianceRail®, Premier, Trademark,* and *Reserve* composite guard system include a top and bottom rail, two support rails, infill, post sleeves, rail-to-post brackets, support blocks, foot blocks, and decorative moldings. Drink Rail uses an assembly of a deck plank with a second bottom rail and support rail as a top rail assembly. Contemporary Rail uses an assembly of a 6.35-inch by 0.875-inch plank with a second bottom rail and support rail as a top rail assembly.

3.3.1 Support rails are a composite extrusion for rail lengths up to 92 inches. For lengths exceeding 92 inches, the top support rail is an aluminum extrusion with a composite bottom support rail.

3.3.2 Rails (top, bottom, and support) and post sleeves are manufactured from extruded shapes in six colors:Coastal White (White), Mountain Cedar, Classic Black (Black), SandRidge (Brownstone), RiverRock (Slate Grey), and Traditional Walnut (Kona). All components are co-extruded with a polymer color cap layer and wood/plastic composite core. See Table 2 for rail descriptions and Table3 for infill options.

3.4 The *RadianceRail® Express* guard system includes top and bottom rails, vertical balusters, post sleeves, rail-to-post brackets, foot blocks and decorative moldings. Allcomponents are produced in Classic Black (Black), Coastal White (White), and Traditional Walnut (Kona). See Table 2 for rail descriptions and Table 3 for infill options.

3.5 The Classic Composite Series Drink Rail guard system includes one deck board top rail, two universal rails, two support rails, infill, post sleeves, rail-to-post brackets, support blocks, foot blocks, and decorative moldings.

3.5.1 Rails (universal, and support) and post sleeves are manufactured from extruded shapes in six colors: Coastal White (White), Mountain Cedar, Classic Black (Black), SandRidge (Brownstone), RiverRock (Slate Grey), and Traditional Walnut (Kona). All components are co- extruded with a polymer color cap layer and wood/plastic composite core. See Table 2 for rail descriptions and Table3 for infill options.

3.6 The Classic Composite Series Contemporary Rail guard system includes one 6.35-inch by 0.875-inch top rail, two universal rails, two support rails, infill, post sleeves, rail-to-post brackets, support blocks, foot blocks, and decorative moldings.

3.6.1 Rails (universal, and support) and post sleeves are manufactured from extruded shapes in two colors: Classic Black and Traditional Walnut. All components are co- extruded with a polymer color cap layer and wood/plastic composite core. See Table 2 for rail descriptions and Table 3 for infill options.

4.0 PERFORMANCE CHARACTERISTICS

4.1 The *TimberTech®* guard systems described in this report have demonstrated the capacity to resist the design loadings specified in Chapter 16 of the IBC and Section R301of IRC when tested in accordance with ICC-ES AC174.

4.2 Structural performance has been demonstrated for atemperature range from -20°F to 125°F.

4.3 Materials used are deemed equivalent to preservative treated or naturally durable wood for resistance to weathering effects, decay, and attack from termites.

4.4 The composite core, pvc, and expanded cellular pvc materials have flame spread not exceeding 200 when tested in accordance with ASTM E 84.

5.0 INSTALLATION

5.1 General: The *TimberTech®* guards must be installed in accordance with the manufacturer's published installation instructions, the applicable Code, and this Research Report. A copy of the manufacturer's instructions must be available on the jobsite during installation.

5.2 Application:

5.2.1 Foot blocks are a hollow section of nominal 1.2 Inch squareextruded PVC picket for Advantage Rail, or for the Classic Composite and Radiance Rail Express systems with an expanded PVC core to facilitate fastening. Foot blocks shall be installed at approximate 1/3 intervals for rails over six feet in length or at mid-span for rails less than six feet in length of the bottom guard between the deck surface and the guard. See Table 3.

5.2.2 Guard systems may be attached to conventional 4x4 and 6x6 wood posts or other suitable wood support structure. The wood in the supporting structure shall have aspecific gravity of 0.50 or greater (Southern Yellow Pine or better) and a minimum thickness to allow full penetration of the bracket mounting screws. Conventional 4x4 and 6x6 wood posts or other wood supports are outside the scope of this report.

6.0 CONDITIONS OF USE

6.1 Installation must comply with this Research Report, the manufacturer's published installation instructions, and the applicable Code. In the event of a conflict, this report governs.

6.2 Conventional wood supports for guards are not within the scope of this report and are subject to evaluation and approval by the building official. Supports must satisfy the design load requirements specified in Chapter 16 of the IBCand must provide suitable material for anchorage of the rail brackets. Where required by the building official, engineering calculations and details shall be provided.

6.3 Compatibility of fasteners and other metallic components with the supporting structure, including chemically treated wood, is not within the scope of this report.

6.4 Compatibility of the supporting construction materials with all fasteners, metal post mount components, and other hardware components is subject to approval by the buildingcode official.

6.5 Only those types of fasteners and fastening methods described in this report have been evaluated for the installation of *TimberTech®* guard systems; other methods of attachment are outside the scope of this report.

6.6 Where required by the building official, engineeringcalculations and details shall be provided. The calculations shall verify that the anchorage complies with the building codes for the type and condition of the supportingconstruction.

6.7 The guard systems produced by *TimberTech®* identifiedin this report have not been evaluated for use in areas subject to Formosan termite attack.

6.8 The *TimberTech®* guard systems are manufactured under a quality control program with inspections by IntertekTesting Services NA, Inc.

7.0 SUPPORTING EVIDENCE

7.1 Drawings and installation instructions submitted by themanufacturer.

7.2 Reports of testing and engineering analysis demonstrating compliance with the requirements of ICC-ESAC174, Acceptance Criteria for Deck Board Span Ratings and Guard Systems (Guards and Handrails), revised December 2014.

7.3 The reports of testing and engineering analysis demonstrating compliance with the performance requirements of ASTMD 7032-21 [17] Standard Specification for Establishing Performance Ratings for Wood-Plastic Composite Deck Boards and Guardrail Systems(Guards or Handrails).

7.4 Documentation of an Intertek approved quality control system for the manufacturing of products recognized in thisreport.

7.5 Intertek Listing Report "AZEK Company - TimberTech Guardrail Systems", on the Intertek Directory of Building Products

8.0 IDENTIFICATION

8.1 The *TimberTech®* guards produced in accordance with this report shall be identified with labeling on the individual components or the packaging that includes the following information:

8.1.1 The manufacturer's name, address, the product name,

8.1.2 The following statement: "ASTM D7032 CCRR-0114 See Use and performance levels at www.bpdirectory.intertek.com"

8.1.3 The Intertek Control Number, the IntertekMark as shown below, and the Code Compliance Research Report Number (CCRR-0114).

CODE COMPLIANCE
ETL US
Intertek
CCRR-0114

9.0 OTHER CODES

This section is not applicable.

10.0 CODE COMPLIANCE RESEARCH REPORT USE

10.1 Approval of building products and/or materials can only be granted by a building official having legal authority in the specific jurisdiction where approval is sought.

10.2 Code Compliance Research Reports shall not be used in any manner that implies an endorsement of the product by Intertek.

10.3 Reference to the bpdirectory.intertek.com is recommended to ascertain the current version and status ofthis report.

This Code Compliance Research Report ("Report") is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Report. Only the Client is authorized to permit copying or distribution of this Report and then only in its entirety, and the Client shall not use the Report in a misleading manner. Client further agrees and understands that reliance upon the Report is limited to the representations made therein. The Report is not an endorsement or recommendation for use of the subject and/or product described herein. This Report is not the Intertek Listing Report covering the subject product and utilized for Intertek Certification and this Report does not represent authorization for the use of any Intertek certification marks. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

TABLE 1 - RAILING SYSTEM BUILDING CODE RECOGNITION

Guard Systems	Support Rail	Type of System	Maximum Guard System Dimensions	Occupancy Use
TimberTech® Advantage Rail™	N/A	Level/In-Line Application (1)	72" x 42"	IBC (All Use Groups)and IRC (Residential)
		Stair Systems (2)	70-1/4" x 42"	
		Level/In-Line Application (1)	96" x 42"	IRC (Residential) Only
		Level/45° Application (1)	94-1/4" x 42"	
		Level/22.5° Application (1)	95" x 42"	
		Stair Systems (2)	94-3/4" x 42"	
TimberTech® Classic Composite RadianceRail® Trademark Premier	With composite support rail	Level/In-Line Application (1)	91” x 42”	IBC (All Use Groups)and IRC (Residential)
		Level/45° Application (1)		
		Stair Systems (2)		
	With aluminum support rail	Level/In-Line Application (1)	114-1/2” x 42”	
		Stair Systems (2)		
TimberTech® Classic Composite Drink Rail Contemporary Rail	With composite support rail	Level/In-Line Application (1)	91” x 42”	IBC (All Use Groups)and IRC (Residential)
		Stair Systems (2)	78” x 42”	
	With aluminum support rail	Level/In-Line Application (1)	114” x 42”	
		Stair Systems (2)		
TimberTech® Reserve	With aluminum support rail	Level/In-Line Application (1)	114-1/2” x 42”	IBC (All Use Groups)and IRC (Residential)
		Stair Systems (2)		
	With composite support rail	Level/In-Line Application (1)	92” x 42”	
		Stair Systems (2)		
TimberTech® RadianceRail® Express	None	Level/In-Line Application (1)	91-3/4” x 42”	IBC (All Use Groups)and IRC (Residential)
		Level/45° Application (1)	90” x 42”	
		Stair Systems (2)	86-3/8” x 42”	

(1) Level Railing lengths are maximum clear length between supports. Railing height is the minimum installed height from walking surface to top of top rail.

(2) Stair Railing lengths are maximum clear length along the slope between supports. Stair Heights are measured vertically from the leading edge of the stair nose.

TABLE 2 - RAIL DESCRIPTIONS

Guard System	Rail Description
TimberTech® Advantage Rail™	Top rails have a co-extruded wood-plastic composite, upside-down "U" shaped profile. Top rails include a spacer that helps secure the balusters. Bottom rails have a co-extruded wood-plastic composite "U" shaped profile and includes pre-drilled holes to receive baluster plugs.
TimberTech® Classic Composite ***RadianceRail® Trademark Premier*** ***TimberTech® Reserve***	Top rails are an assemblage of two components: A top rail profile (Figures 7, 8, or 9) with an inner support rail(Figure 2). Top rails and support rails are fastened together with four equally spaced #8 x 2" long coated screws that pass through pre-drilled holes in the baluster side support rail and threaded into the top rail. Bottom rails are an assemblage of two components; A universal rail profile (Figures 7, 8, or 9) with an innersupport rail (Figure 2). A composite support rail is used for rail lengths up to 92 inches. An aluminum support rail is used with the top rail for raillengths exceeding 92 inches.
TimberTech® RadianceRail® Express	Top and Bottom rails have co-extruded wood-plastic composite "breadloaf" profiles that consist of pre-routed holes to receive balusters.
TimberTech® Classic Composite ***Drink Rail*** ***Contemporary Rail***	Top rails are an assemblage of three components; A deck board profile(1), universal rail profile, and innersupport rail. See Figure 6 for rail profiles, and Figure 2 for support rail. For level rails, the deck board profile(1), universal rail and support rails are fastened together with one #8-18 (0.122 inch minor diameter) by 2 inch long pan-head, carbon steel screw, spaced every 15 inches. For stair rails, the deck board profile(1), universal rail and support rails are fastened together with one#8-18 (0.122 inch minor diameter) by 2-5/8 inch long pan-head, carbon steel screw, spaced every 15 inches. An upper composite support rail is used for rail lengths up to 91 inches. An aluminum support rail is used for raillengths exceeding 114 inches. Bottom rails are an assemblage of two components; A universal rail profile with a composite inner support rail. Theuniversal rail is slip fit over the inner support rail.

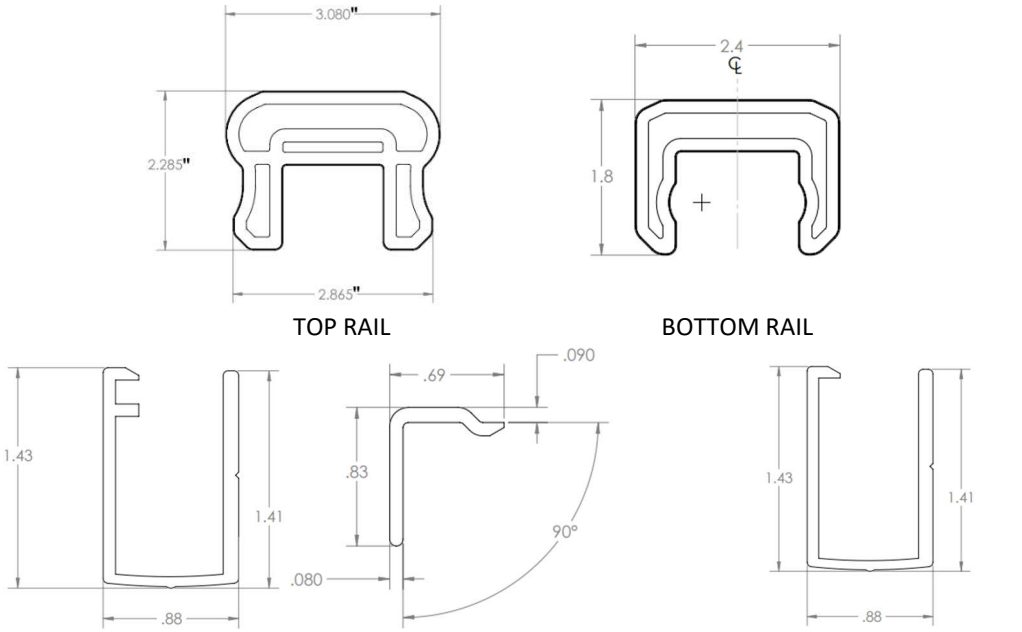
(1) Deck board profiles permitted to be used as top rail cap are the TimberTech® solid deck boards recognized and listed in Intertek Code Compliance Research Report, CCRR-0128 and CCRR-0101 Grooved and scalloped deck boards shall not be used for top rail caps. See Figure 4 and 5 for limitations.

TABLE 3 - INFILL DESCRIPTIONS

Guard System	Infill Options	Infill Fastening Description
TimberTech® Advantage Rail™	Nominal 1.2" square, hollow, co-extruded PVC baluster. See Figure 11. 3/4 inch diameter aluminum balusters. See Figure 11.	Top rails include pre-routed spacer to receive balusters. Bottom rails include baluster plugs to receive balusters, which are compression fitted into pre-drilled holes of the bottom rail.
TimberTech® Classic Composite ***RadianceRail® Trademark*** ***Premier*** ***TimberTech® Reserve*** ***TimberTech® Classic Composite*** ***Contemporary Rail*** ***Drink Rail***	Nominal 1.25" square Expanded cellular PVC core. See Figures 10.	A solid PVC composite baluster with an expanded core with a drilled pilot hole at its center to provide a means for locating a fastener. Balusters are held-in-place with coated screws inserted through pre-drilled holes in the upper support and lower rail sections. For all balusters, one #8 x 3" long coated screw is utilized in the top and one #8 x 2" long coated screw is used through the lower rail.
	Feeney® CableRail™ with *Quick-Connect®* fittings, and 3/4 inch sq. aluminum intermediate balusters. See Figure 12.	Stainless steel cables are attached to each post sleeve with Quick-Connect® fittings one fixed and one swivel on opposite ends. Cables are installed at 3" on center and 3-1/16" on center for level and stair rails, respectively. Intermediate, 3/4 inch square, 0.062 inch wall thickness, aluminum balusters are spaced no greater than 30 inches on center along the length of the rail. Balusters are secured to the bottom rail with one #10-12 x 2" pan-head stainless steel screw and the top rail utilizing an intermediatebase plate (attaches to the baluster with one #10-12 x 1" flat-head stainless steel screw and attaches to the top rail with two #10-12 x 1" flat-head stainless steel screws.
	3/4 inch diameter or square hollow, aluminumbalusters. See Figure 10.	Aluminum balusters are attached to the top and bottom rails with #8 x 2" and #8 x 3" stainless steel (Series 300) pan head screws
TimberTech® RadianceRail® Express	Nominal 1.25" square, hollow, co-extruded PVC baluster. See Figure 11. 3/4 inch diameter aluminum balusters. See Figure 11.	The top and bottom rails include pre-routed holes to receive balusters.

TABLE 4 - RAIL/BRACKET FASTENING SCHEDULE

Guard System		Rail Bracket to Rails	Foot Block toBottom Rail	Rail Bracket to Post
TimberTech® Advantage Rail™		Level Top Rail Bracket to Rail: One #10-16 by 1-3/4" stainless steel, pan-head screws Baluster Retainer to Bracket to Level Top Rail: One #8-18 by 1-3/4 in (0.118 in minor diameter) stainless steel, truss head screw Stair Top Rail Bracket to Rail: One #10-16 by 2-1/8" stainless steel, pan-head screw Baluster Retainer to Bracket to Stair Top Rail: One #8-18 by 1-3/4 in (0.118 in minor diameter) stainless steel, truss head screw Bottom Rail: No mechanical connection	Support Block Connector to Bottom Level Rail: One #10-16 by 1-3/4 in (0.141 in minor diameter) stainless steel, pan-head screw Support Block Connector to Bottom Stair Rail: One #10-16 by 1 in (0.141 in minor diameter) stainless steel, pan-head screw	Two #10-16 by 3" stainless steel, pan-head screws
TimberTech® Classic Composite RadianceRail® Trademark Premier ***TimberTech®Reserve*** ***TimberTech® Classic Composite Contemporary Rail Drink Rail***		Composite Support Rail: Four-Hole bracket (Figure 15) is attached to each end of the top and bottom support rail using four #8 x 0.75" coated steel pan-headscrews. Aluminum Support Rail: Four-Hole bracket (Figure 15) is attached to each end of the top and bottom support rail using four #8 x 0.75" stainless steel (300 series) pan- head screws.	One #8 x 2" pan- head screw. See Figure 11 through Figure 18	Plastic Support Blocks to Posts: Two #8 x 3" pan-head screws per block. One support block for each endof the lower support rail for level assemblies. Two support blocks are used at the top of the rail for stair assemblies located on the posts where the support rails meet the posts. Metal-Reinforced Plastic MountingBracket to Posts: Two #8 x 3" coated pan-head screws.
RadianceRail® Express	Level & 45°	One stainless steel "L" bracket is attached to each end of the top and bottom rails using three #10 x 1-5/8" pan-head screws.	One #10 x 3" pan-head screw.	Stainless Steel "L" Bracket to Posts: Two #10 x 1-5/8" pan-head screws.
	Stair	Acute Angle Bracket, (Figure 16c) Two #10 x 1-5/8" pan-head screws Obtuse Angel Bracket, (Figure 16b) Two #10 x 1" pan-head screws		



TOP RAIL BOTTOM RAIL

ALUMINUM BALUSTER SPACERS SQUARE BALUSTER SPACER

FIGURE 1 – *ADVANTAGE RAIL™*

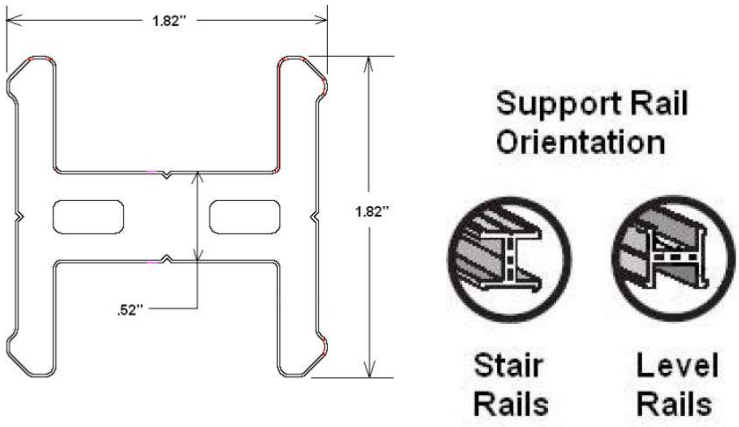
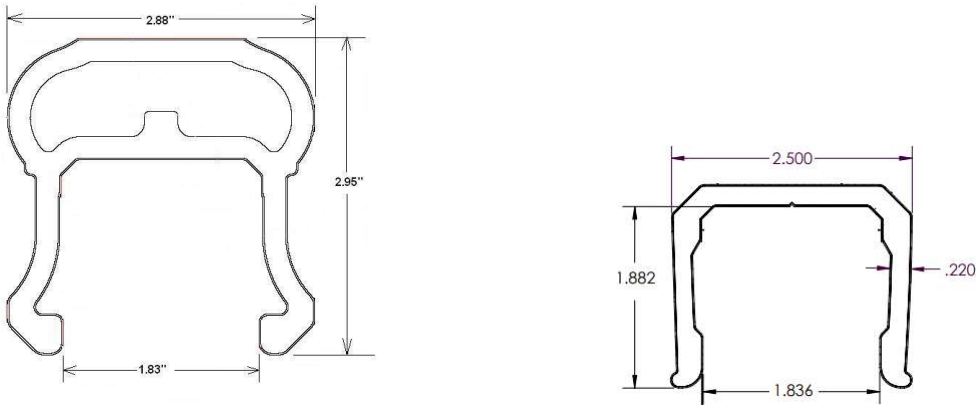
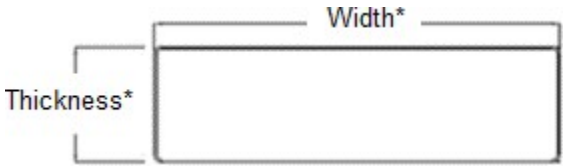


FIGURE 2 – SUPPORT RAIL



TOP RAIL BOTTOM RAIL

FIGURE 3 – *CLASSIC COMPOSITE SERIES RADIANCERAIL®*

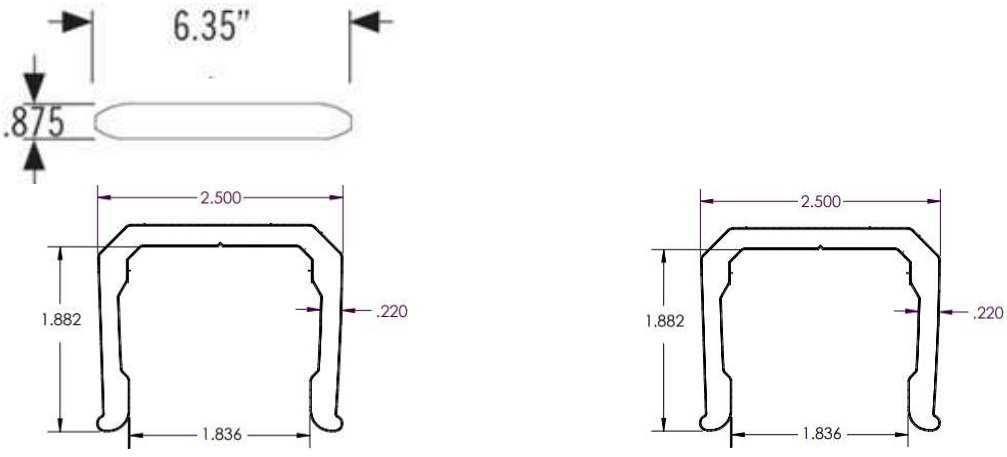


*****Deck board profiles permitted to be used as top rail cap are the solid deck boards recognized and listed in Intertek Code Compliance Research Report, Intertek CCRR-0128 with minimum width of 3.5 inches and 1 inch thickness, or Intertek CCRR-0101 with minimum width of 5.4 inches and 0.89-inch thickness. Grooved and scalloped deck boards shall not be used for top rail caps.



TOP RAIL ASSEMBLY BOTTOM RAIL

FIGURE 4 – *CLASSIC COMPOSITE SERIES DRINK RAIL*



TOP RAIL ASSEMBLY BOTTOM RAIL

FIGURE 5 – *CLASSIC COMPOSITE SERIES CONTEMPORARY RAIL*

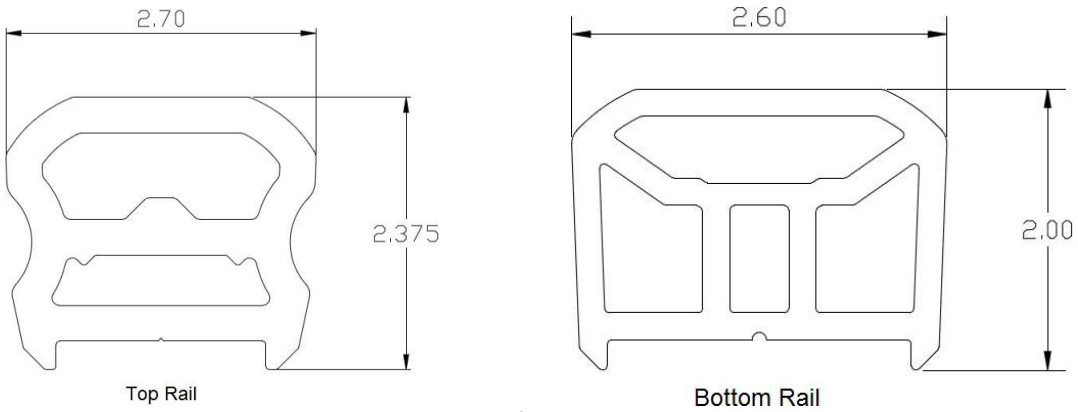


FIGURE 6 - RADIANCERAIL® EXPRESS, RAIL PROFILES

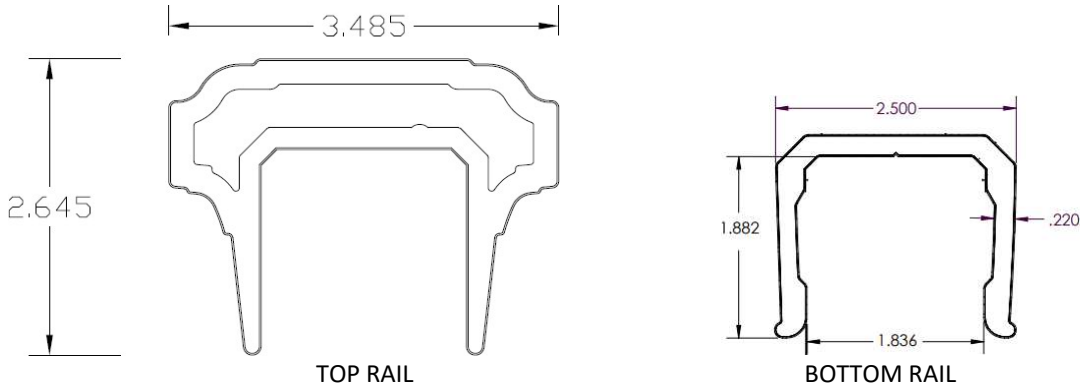


FIGURE 7 – *CLASSIC COMPOSITE SERIES PREMIER* RAIL PROFILES

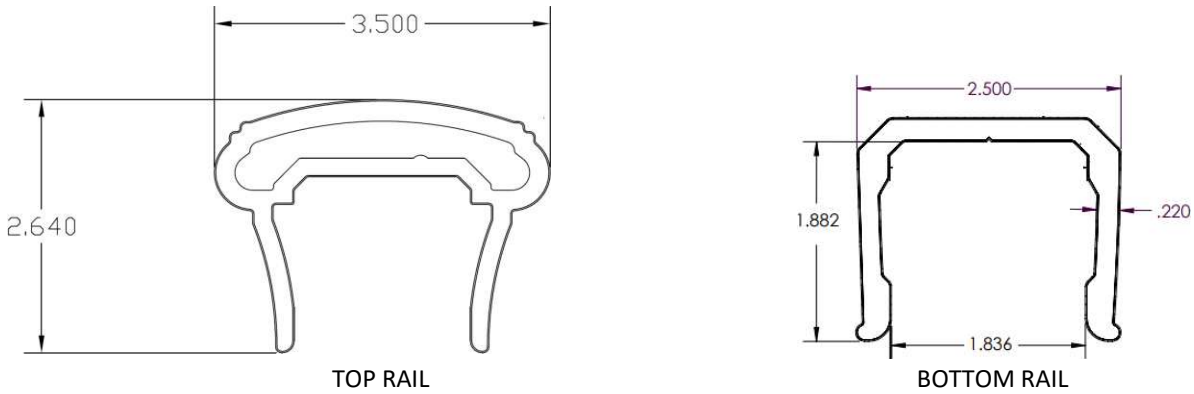
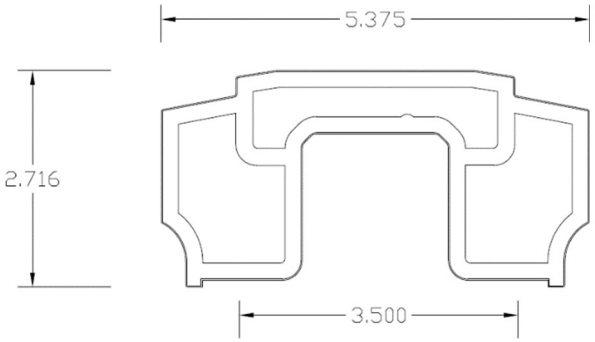
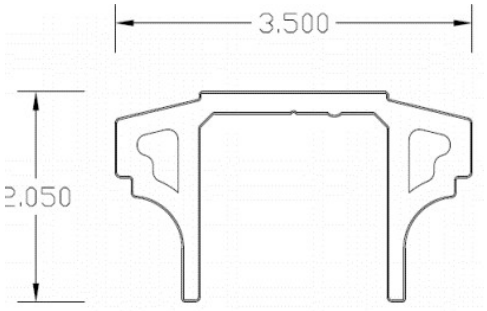


FIGURE 8 – *CLASSIC COMPOSITE SERIES TRADEMARK* RAIL PROFILES

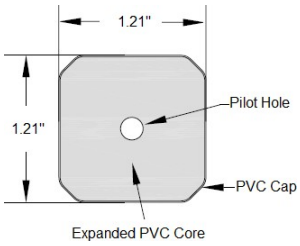


TOP RAIL

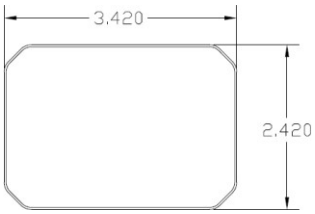


BOTTOM RAIL

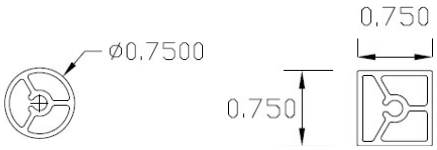
FIGURE 9 – *RESERVE* RAIL PROFILES



Expanded cellular PVC Baluster

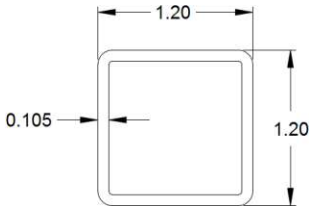


Expanded cellular PVC Baluster

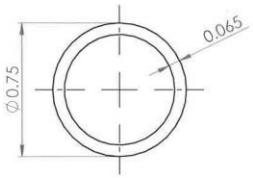


Aluminum Balusters

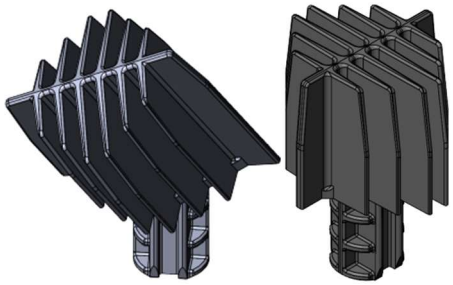
FIGURE 10 - *RADIANCERAIL® PREMIER, TRADEMARK,* AND *RESERVE* BALUSTER PROFILES



Hollow PVC Baluster

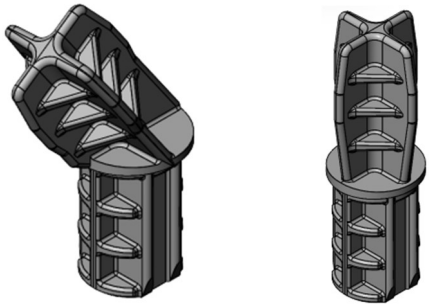


Aluminum Balusters



Stair Level

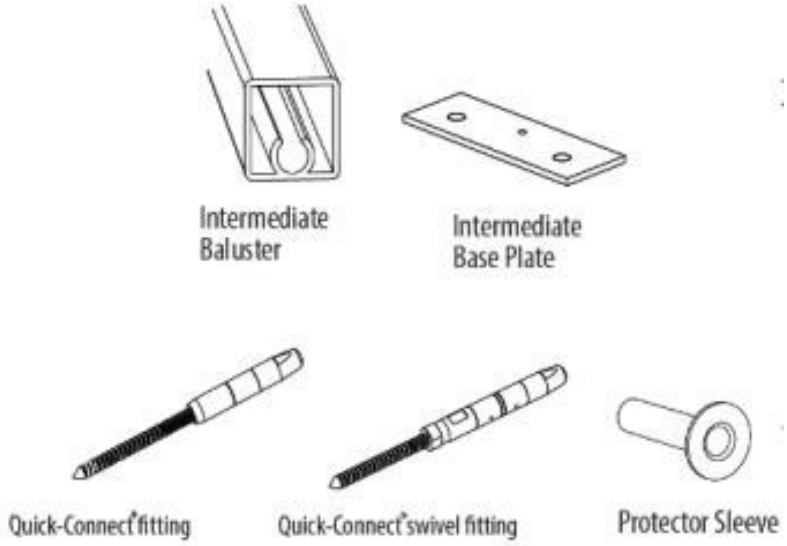
Hollow PVC Baluster Plugs (*Advantage Rail™* Only)



Stair Level

Aluminum Baluster Plugs (*Advantage Rail™* Only)

FIGURE 11 – *ADVANTAGE RAIL™* AND *RADIANCERAIL®* EXPRESS BALUSTER PROFILES



Horizontal Cable Rail

FIGURE 12 – *CLASSIC COMPOSITE SERIES CONTEMPORARY RAIL INFILL*

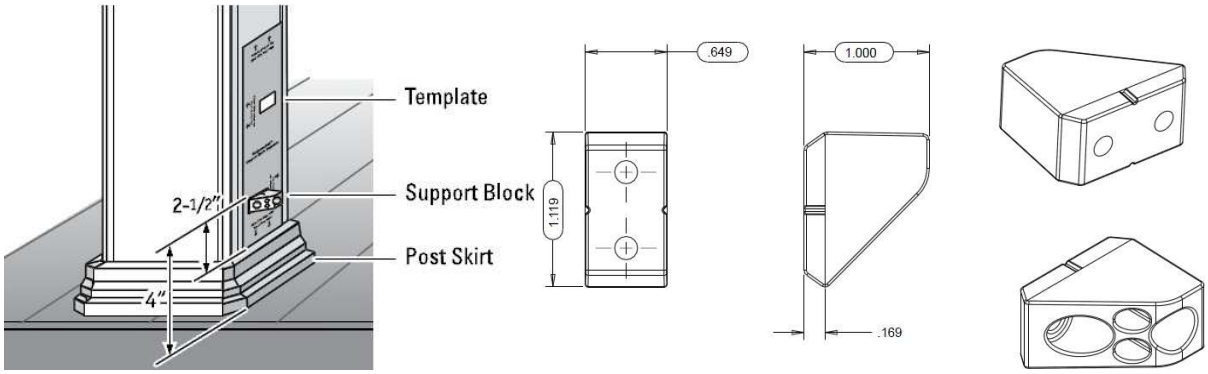


FIGURE 13 - *RADIANCERAIL*® SUPPORT BLOCK

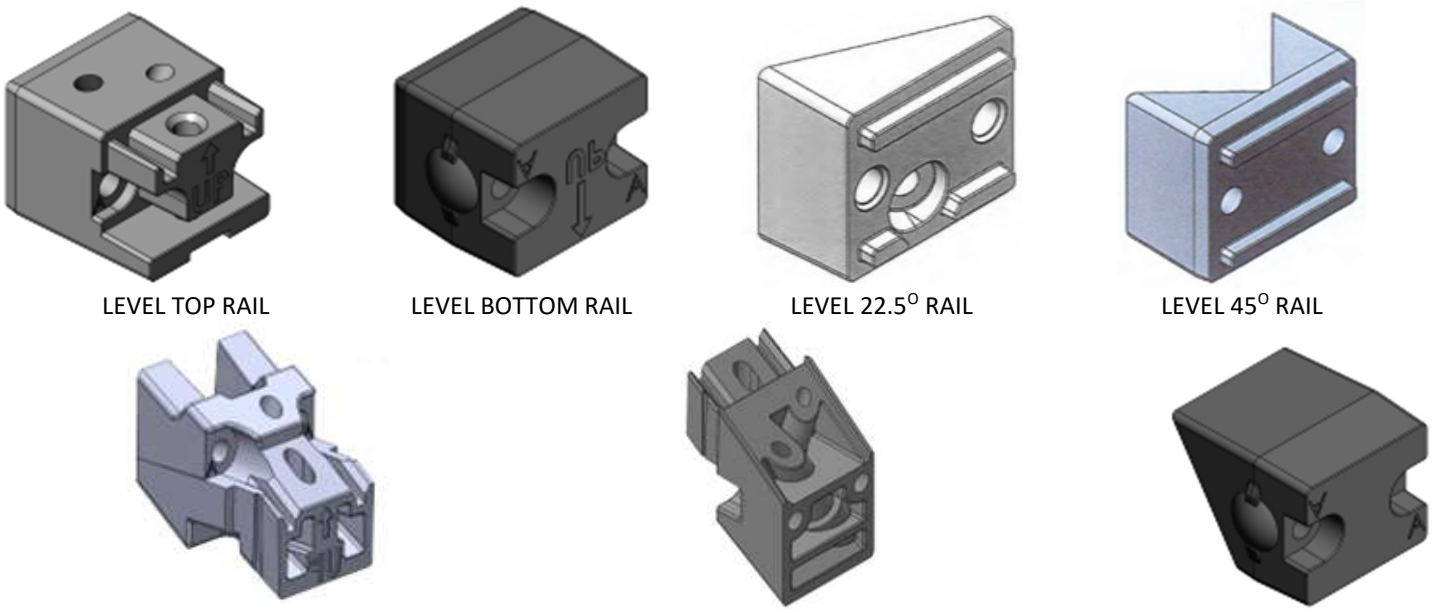


FIGURE 14 – ADVANTAGE RAIL™ BRACKETS

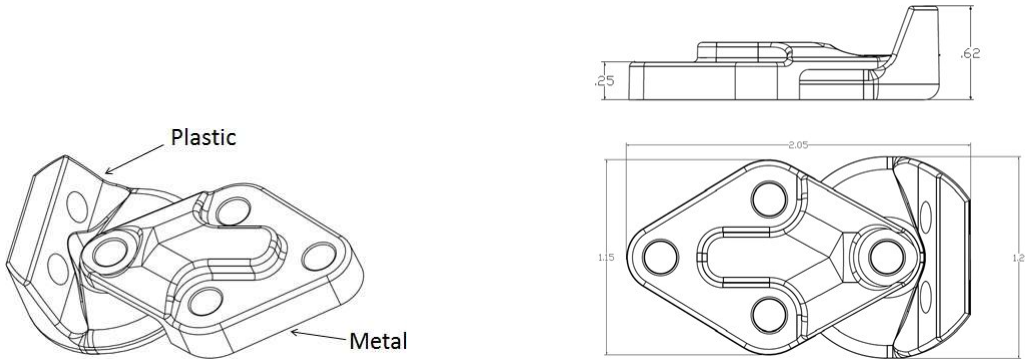
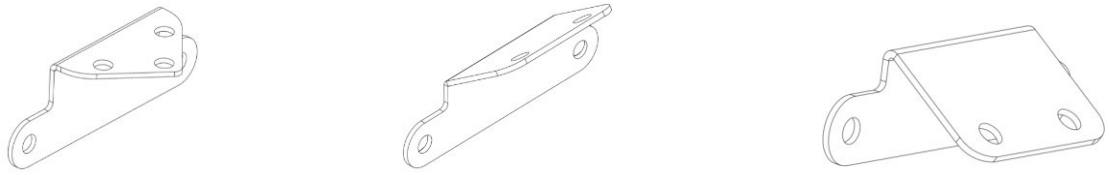
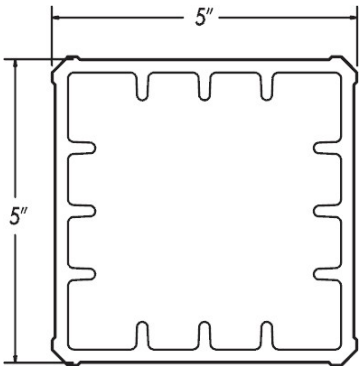


FIGURE 15 – FOUR-HOLE BRACKET
TimberTech® Classic Composite Series, Reserve Rail

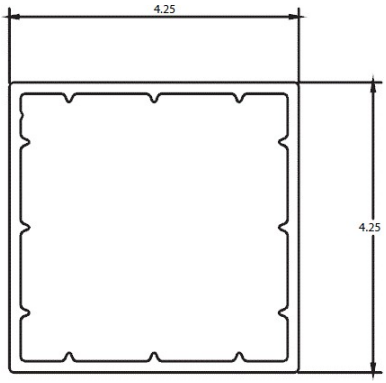


(a) Level Bracket **(b)** Obtuse Stair Bracket **(c)** Acute Stair Bracket

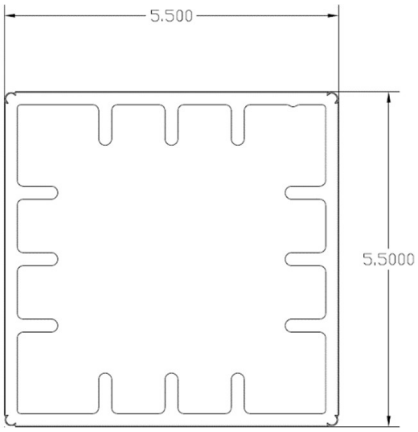
FIGURE 16 - *RADIANCERAIL® EXPRESS* BRACKETS



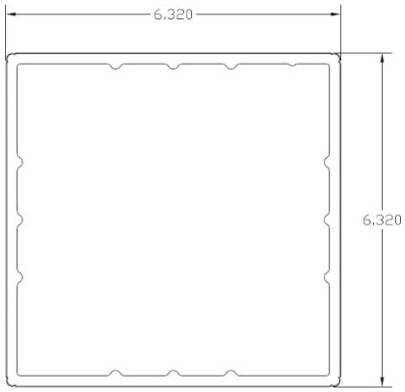
5X5 Post



4.25x4.25 Post

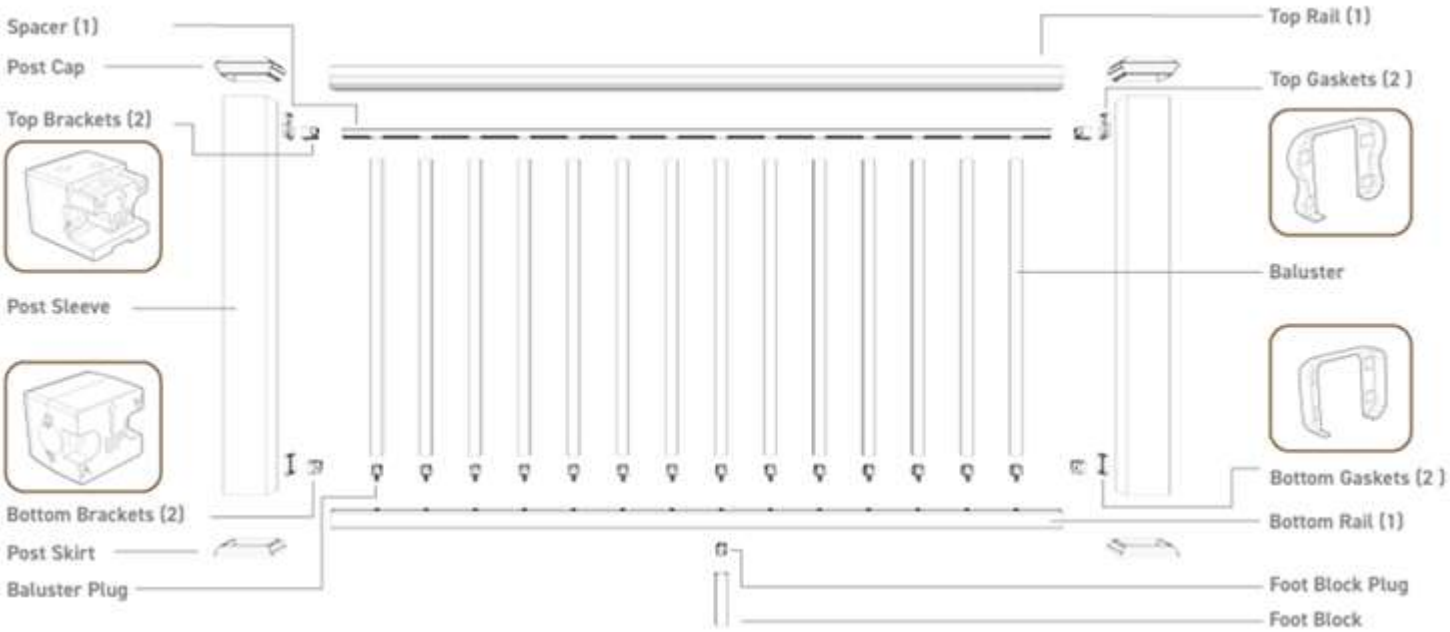


5.5x5.5 Post

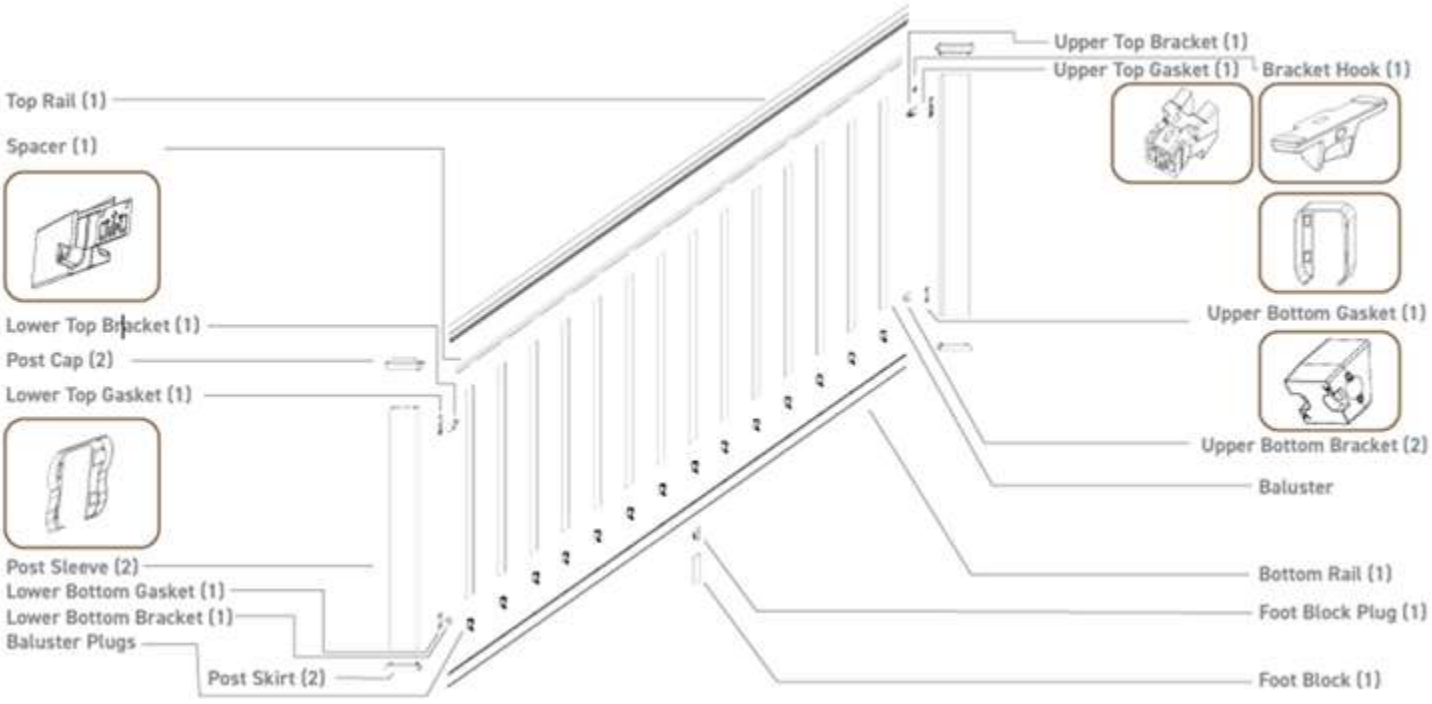


6x6 Post

FIGURE 17 - POST SLEEVE PROFILES FOR 4X4 OR 6X6 WOOD POSTS



Level



Stair

FIGURE 18 – *TIMBERTECH® ADVANTAGE RAIL™*

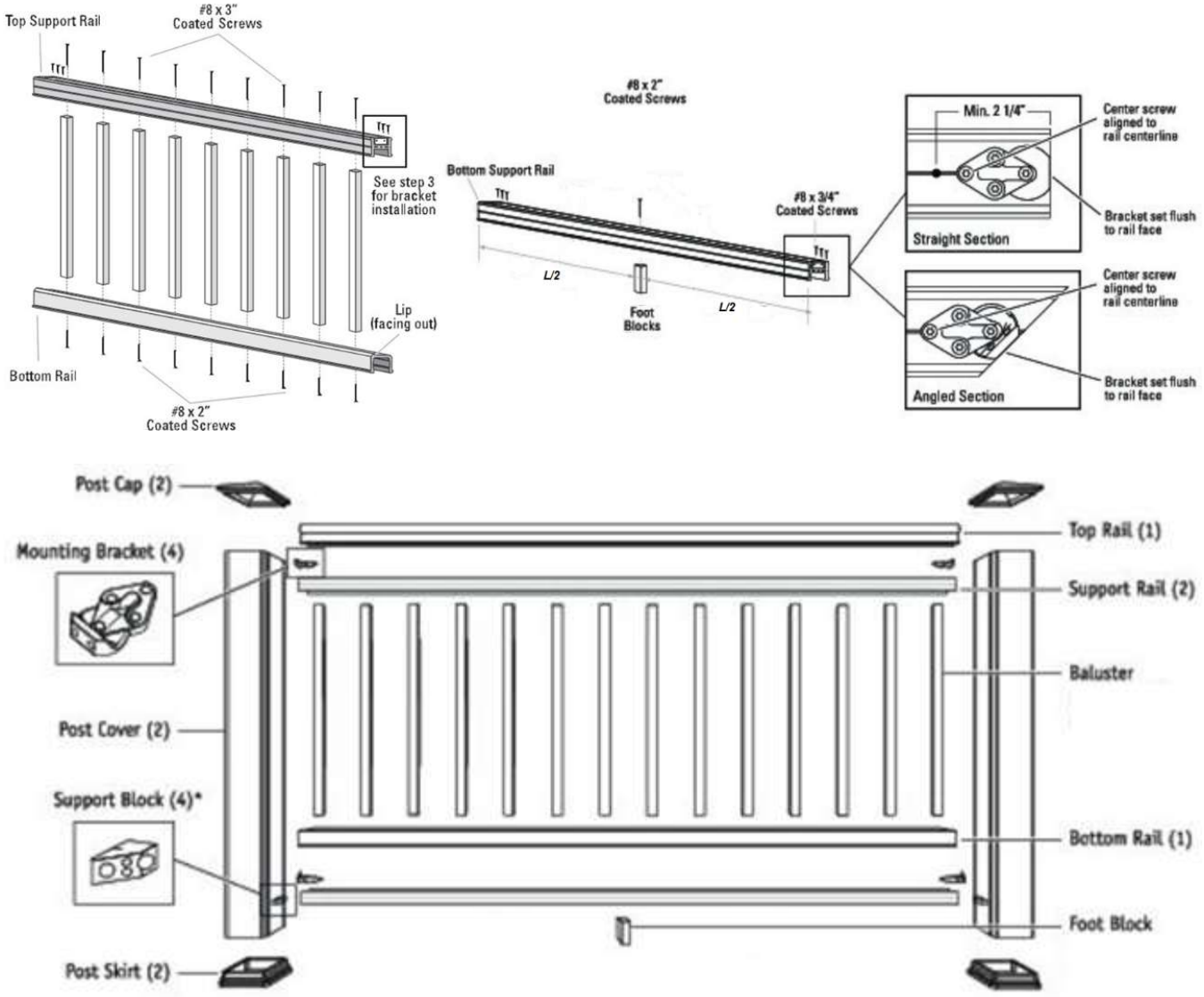


FIGURE 19 – *TIMBERTECH® CLASSIC COMPOSITE SERIES* AND *RESERVE* RAIL
Level Assembly with Expanded Cellular PVC Balusters

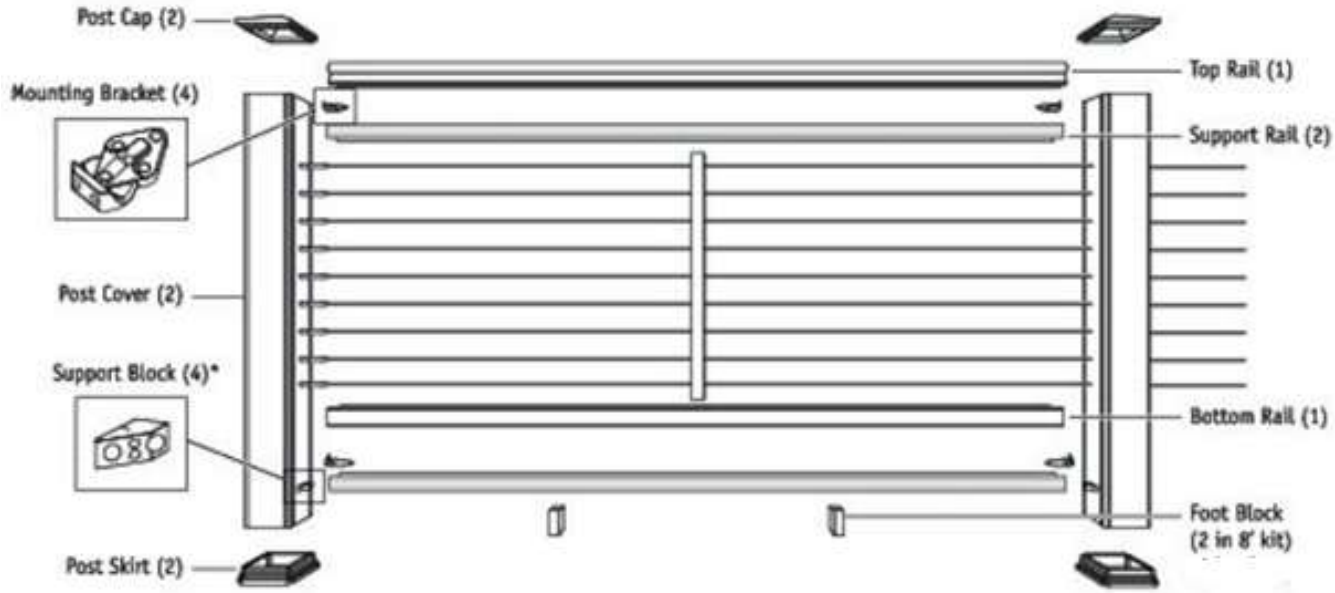


FIGURE 20 – *TIMBERTECH® CLASSIC COMPOSITE SERIES* AND *RESERVE* LEVEL ASSEMBLY WITH *FEENEY® CABLERAIL™*

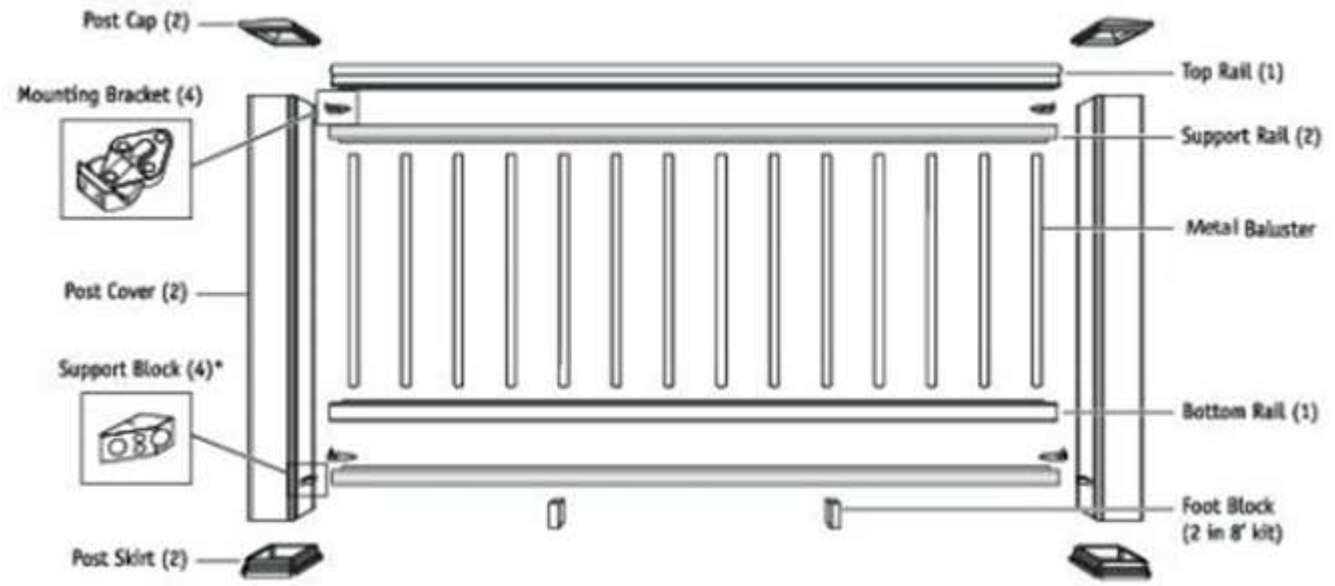


FIGURE 21 – *TIMBERTECH® CLASSIC COMPOSITE SERIES* AND *RESERVE* LEVEL ASSEMBLY WITH ALUMINUM BALUSTERS

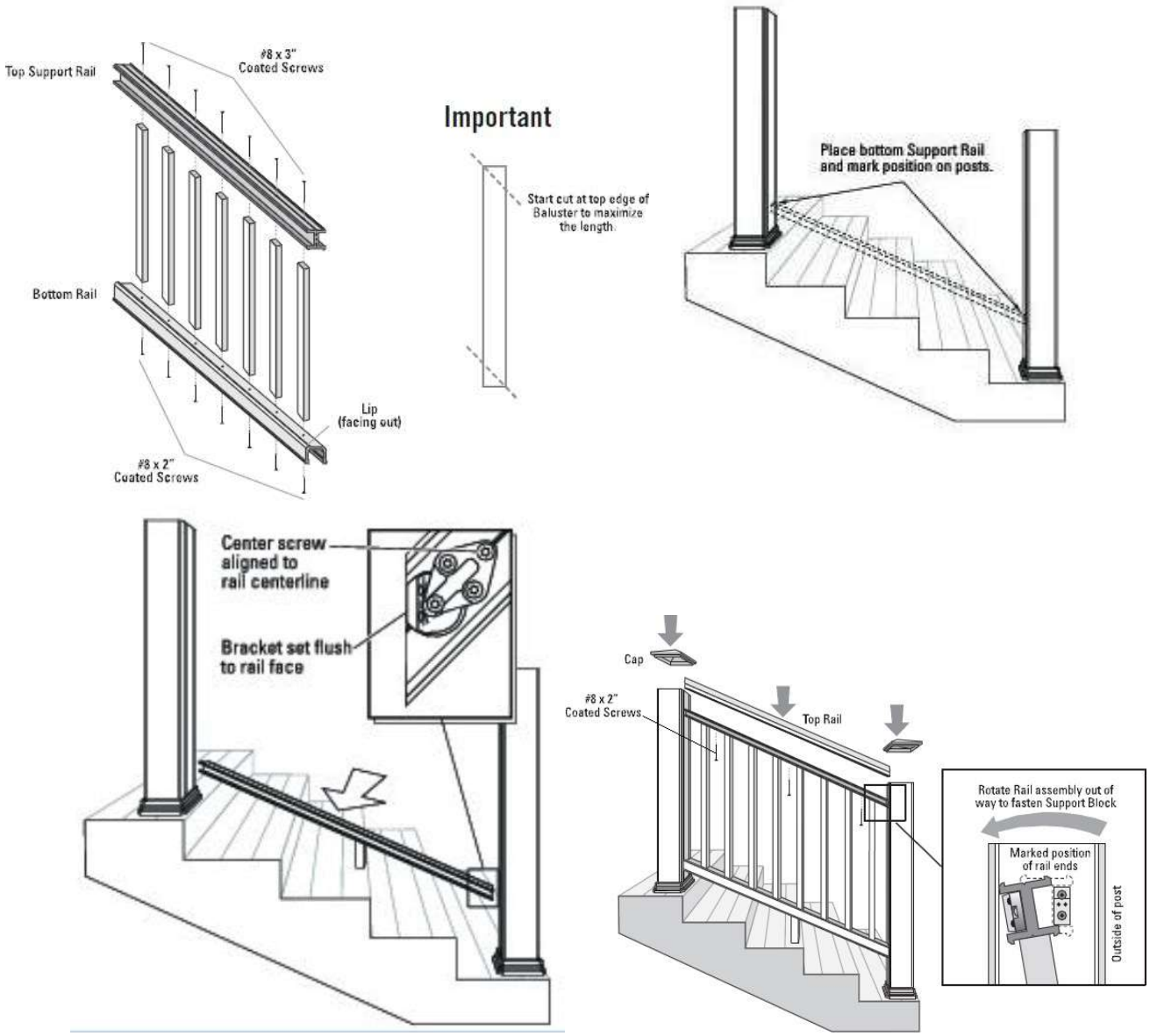


FIGURE 22 - *TIMBERTECH® CLASSIC COMPOSITE SERIES* AND *RESERVE* TYPICAL STAIR ASSEMBLY

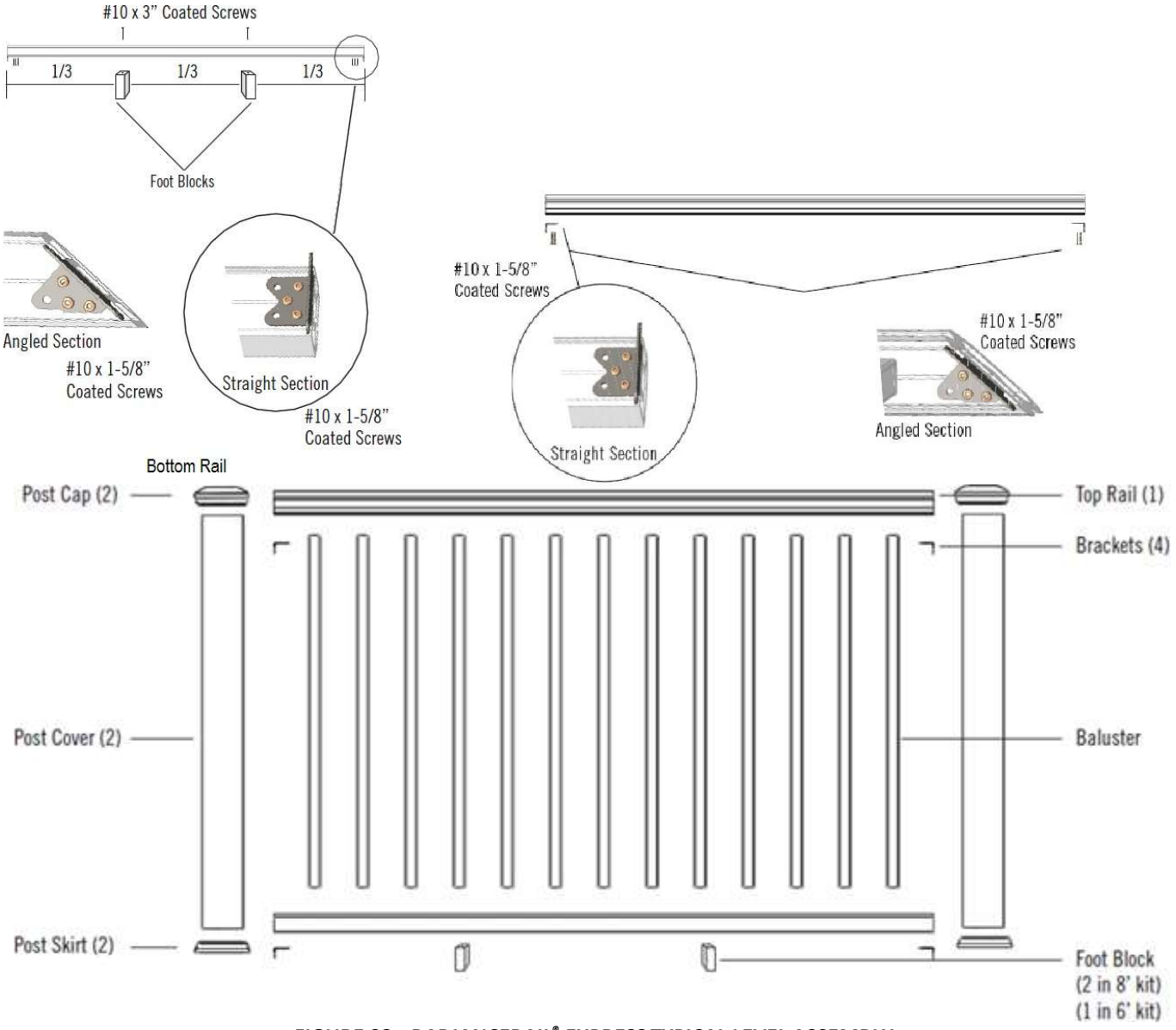


FIGURE 23 - *RADIANCERAIL® EXPRESS* TYPICAL LEVEL ASSEMBLY

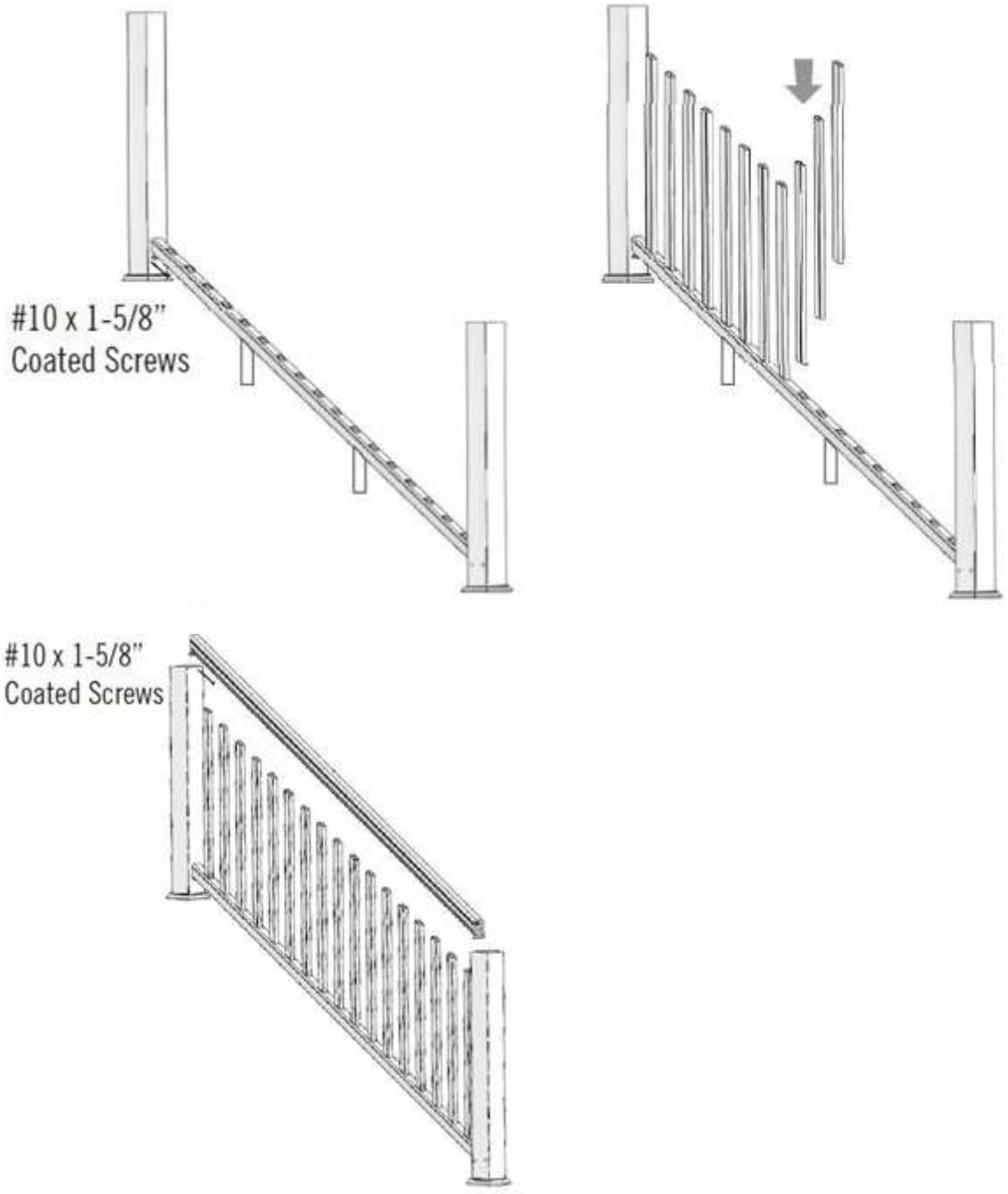


FIGURE 24 - *RADIANCERAIL® EXPRESS* TYPICAL STAIR ASSEMBLY

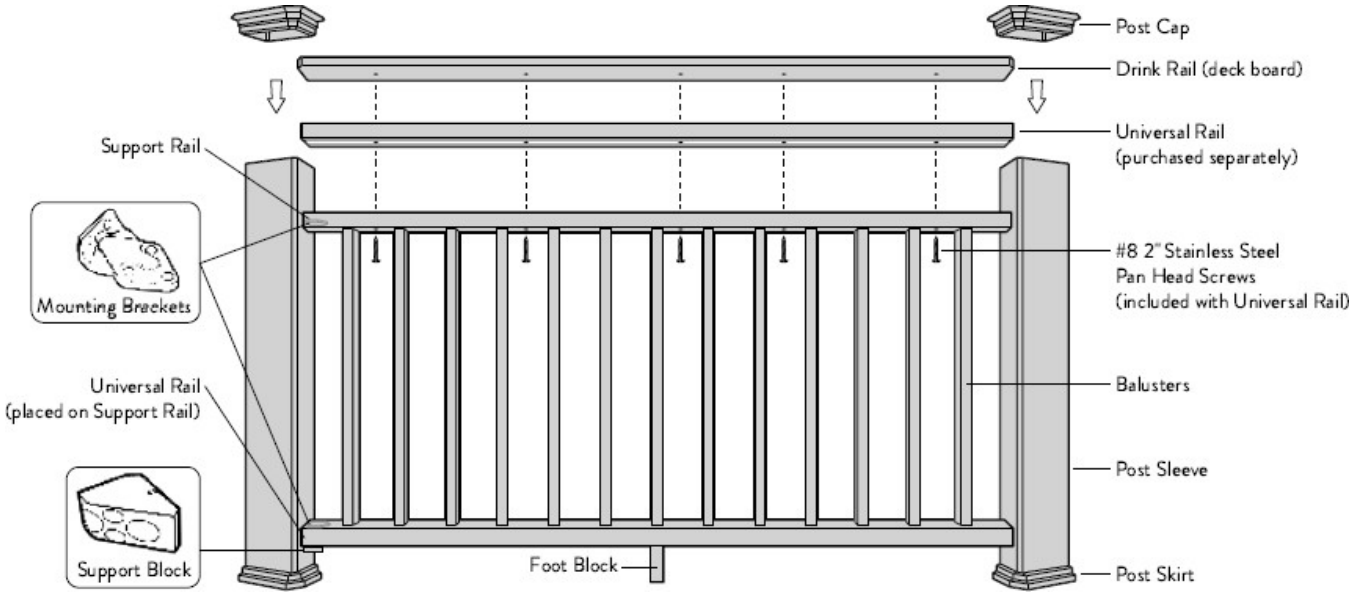


FIGURE 25 – *TIMBERTECH® CLASSIC COMPOSITE SERIES DRINK RAIL* / CONTEMPORARY RAIL TYPICAL ASSEMBLY

Drink Rail / Contemporary Rail may be installed in an over the post configuration.